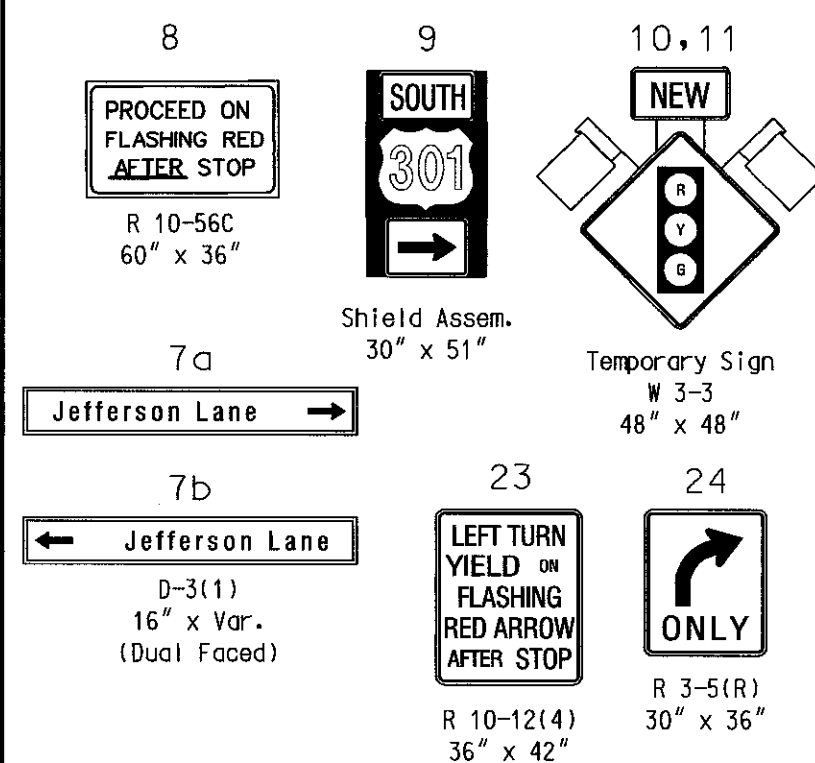
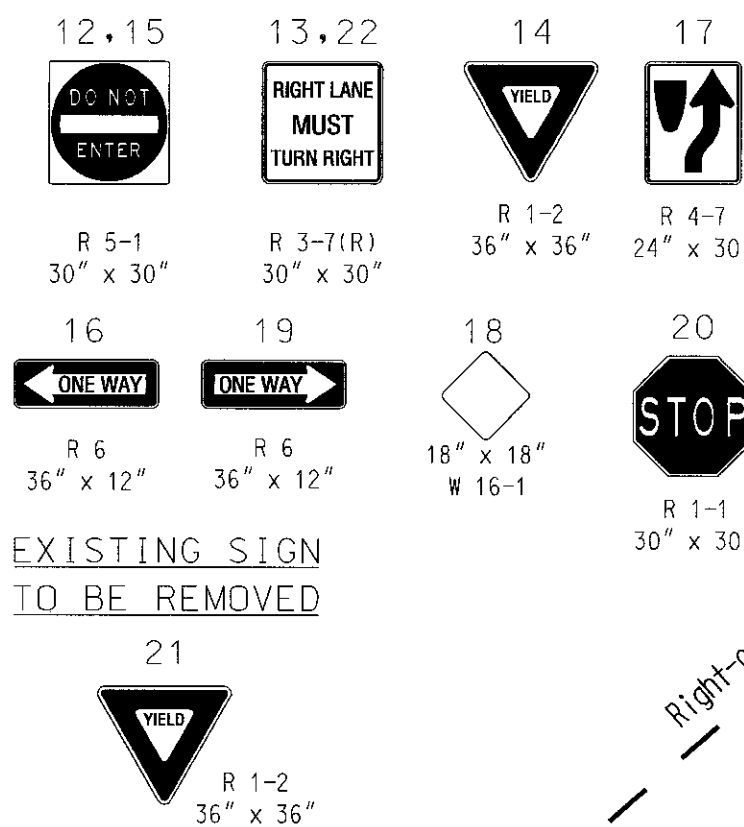


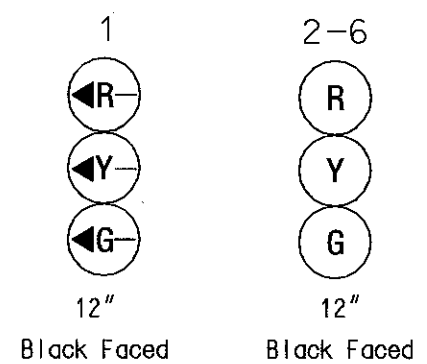
PROPOSED SIGNS



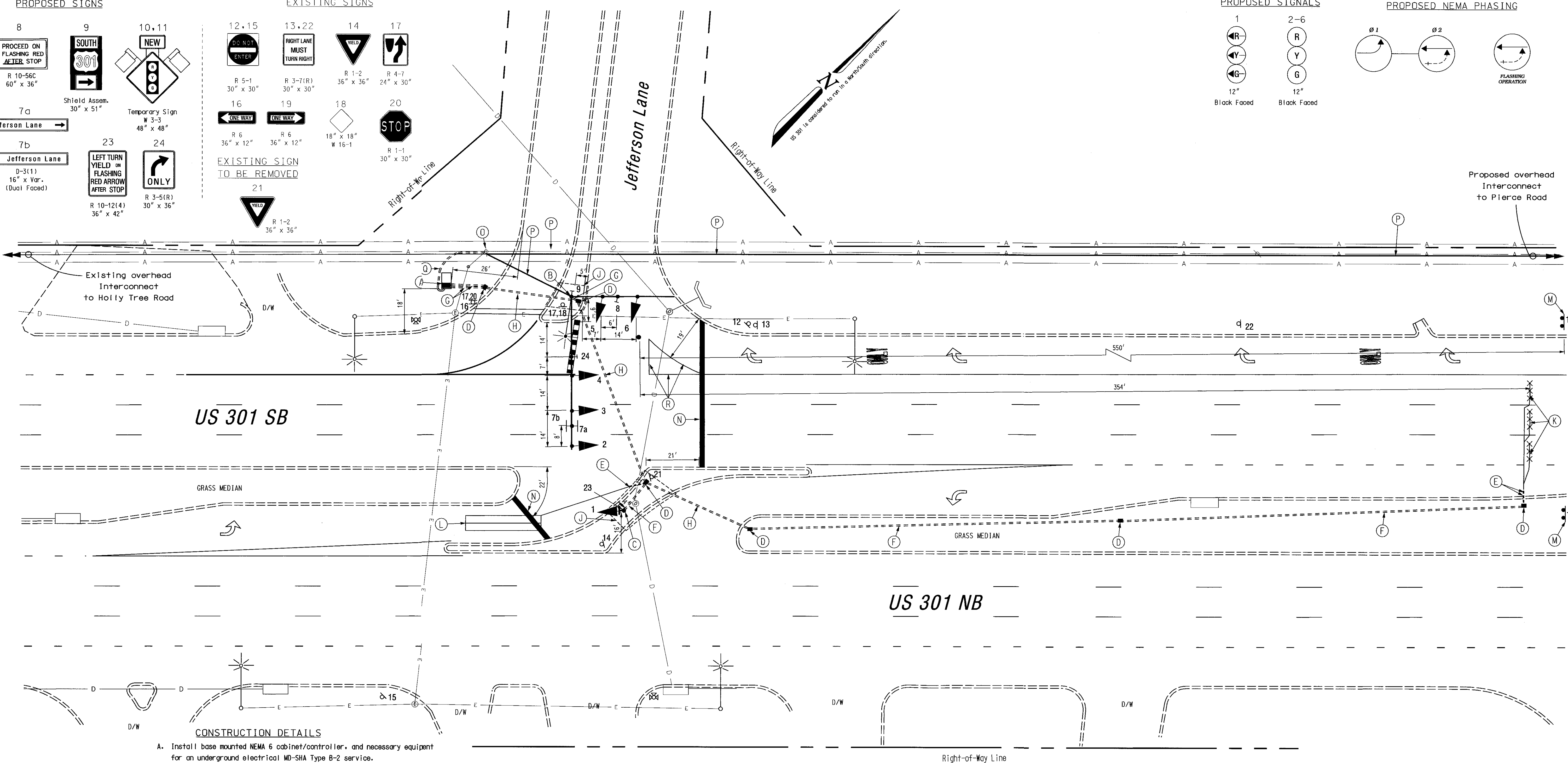
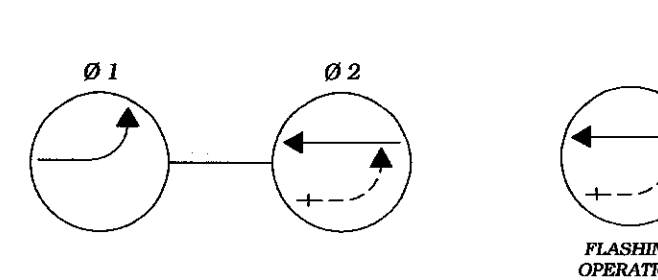
EXISTING SIGNS



PROPOSED SIGNALS



PROPOSED NEMA PHASING



US 301 SB

US 301 NB

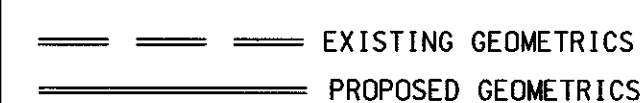
CONSTRUCTION DETAILS

- Install base mounted NEMA 6 cabinet/controller, and necessary equipment for an underground electrical MD-SHA Type B-2 service.
- Install 27 ft. steel twin mast arm pole with 60 ft. and 40 ft. (outrun from a 50 ft.) mast arms, vehicle signal heads, signs, 15 ft. luminaire arm, 250 watt HPS luminaire and one 3 in. watherhead (Note: one 4 in. PVC conduit bend).
- Install 14 ft. steel pedestal pole on break away base with post top mounted vehicle signal head and sign (Note: one 2 in. PVC conduit bend).
- Install handhole.
- Install 1 in. liquid tight flexible conduit for loop detector lead-in.
- Install 2 in. polyvinyl chloride [Schedule 80] electrical conduit -trrenched.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit -trrenched.
- Install 4 in. polyvinyl chloride [Schedule 80] electrical conduit -slotted in roadway.
- Remove/replace existing concrete median for signal equipment installation.
- Install micro-loop probe (set of 3).
- Install 6 ft. x 30 ft. quadrupole type vehicle loop detector (3-6-3turns).
- Install ground mounted sign as shown.
- Install 24 in. wide pavement marking - white for stop line.
- Use existing utility pole. Use existing overhead I/C cable from Pierce Road and rewire to new cabinet. Install new overhead I/C to Pierce Road.
- Replace existing with new overhead self-supporting I/C cable.
- Install 3 in. PVC for proposed underground electrical service by SMCO.
- Install 5 in. wide white pavement marking for Island.

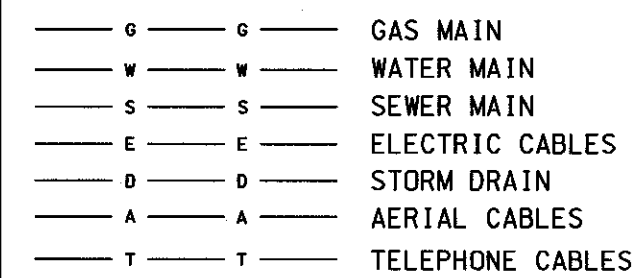
NOTES

- Geometrics shall be confirmed prior to the installation of signal equipment. All signal equipment to be installed at final grade.
- Loop detectors and conduits shall be installed prior to the installation of pavement markings.
- Pavement markings detailed are proposed and are to be installed by the Contractor in accordance with MD-SHA standards. All other pavement markings are to be considered as existing.
- All underground and overhead utilities shown on these plans are schematic and are not to be considered complete Contractor shall be responsible for notifying all utility companies prior to construction so that all utilities may be located in the field. If the Contractor perceives that a conflict between the utilities and the traffic signal equipment will occur, the Contractor shall notify the appropriate Project Engineer immediately.

GEOMETRIC LEGEND



UTILITY LEGEND



REVISIONS

APPROVALS

 The Traffic Group, Inc. 410-931-6600 Fax 410-931-6601	REVISIONS 1. 2. 3. 4.	APPROVALS TEAM LEADER, TRAFFIC ENGINEERING DESIGN DIVISION ASST. CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION CHIEF, TRAFFIC ENGINEERING DESIGN DIVISION DIRECTOR, TRAFFIC & SAFETY	MARYLAND DOT - STATE HIGHWAY ADMINISTRATION Office of Traffic & Safety TRAFFIC ENGINEERING DESIGN DIVISION (Traffic Signal Plan) US 301 at Jefferson Lane	DRAWN BY: J. Dirndorfer CHECKED BY: J. Dirndorfer SCALE: 1" = 20' DATE: May 12, 2003	F.A.P. NO. N/A S.H.A. NO. BW996M82 COUNTY: Charles LOG MILE: 08301024.70	TS NO. 4083 T.I.M.S. NO. E-421	SHEET NO. 1 OF 2
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